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(Not for submission under 37 CFR 1.99)

Application Number	10584438
Filing Date	
First Named Inventor	M. Kroz
Art Unit	1646
Examiner Name	D. Jiang
Attorney Docket Number	P31755 USA

U.S.PATENTS

Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	4736866		1988-04-12	Leder and Steward	
	2	4857467		1989-08-14	Kotikanyadan and Motohiro	
	3	5489743		1996-02-06	Robinson, et al	
	4	5576195		1998-11-19	Robinson, et al.	
	5	5637504		1997-06-10	Hinchliffe and Chinery	
	6	5641670		1997-06-24	Treco, et al	
	7	5846818		1998-12-08	Robinson, et al.	
	8	6540993		2003-04-01	Warne, et al.	

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U.S.PATENT APPLICATION PUBLICATIONS

Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
	1	20030125247		2003-07-03	Rosen and Haseltine	
	2	20030221201		2003-11-27	Prior, et al	
	3	20040023334		2004-02-05	Prior, Christopher D.	

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FOREIGN PATENT DOCUMENTS

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	1	EP201239	EP		1986-11-12	Hinchliffe and Kenny		<input type="checkbox"/>
	2	EP322094	EP		1989-06-28	Geisow, et al		<input type="checkbox"/>
	3	WO8704462	WO		1987-07-30	Wilson, et al		<input type="checkbox"/>
	4	WO9001063	WO		1990-02-08	Goodey, et al		<input type="checkbox"/>
	5	WO9106657	WO		1991-05-16	Bebbington & Yarranton		<input type="checkbox"/>

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6	WO9523857	WO		1995-09-08	Gilbert and Kerry-Williams		<input type="checkbox"/>
7	WO9533833	WO		1995-12-14	Quirk and Wood		<input type="checkbox"/>
8	WO9629411	WO		1996-09-26	Treco, et al		<input type="checkbox"/>
9	WO9724445	WO		1997-07-10	Ballance, David James		<input type="checkbox"/>
10	WO0044772	WO		2000-08-03	van Urk, et al		<input type="checkbox"/>
11	WO0177137	WO		2001-01-18	Rosen and Haseltine		<input type="checkbox"/>
12	WO0179443	WO		2001-10-25	Rosen and Haseltine		<input type="checkbox"/>
13	WO0179444	WO		2001-10-25	Rosen and Haseltine		<input type="checkbox"/>
14	WO0179480	WO		2001-10-25	Haseltine and Rosen		<input type="checkbox"/>
15	WO03030821	WO		2003-04-17	Rosen and Haseltine		<input type="checkbox"/>
16	WO03059934	WO		2003-07-24	Rosen and Haseltine		<input type="checkbox"/>

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	17	WO03060071	WO		2003-07-24	Ballance, et al		<input type="checkbox"/>
	18	WO03066824	WO		2003-08-14	Hauser, et al		<input type="checkbox"/>

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	1	BEBBINGTON, et al., High-Level Expression of a Recombinant Antibody From Myeloma Cells Using A Glutamine Synthetase Gene As An Amplifiable Selectable Marker, Bio/Technology, February 1992, pp.169-175, Vol. 10, 1992 Nature Publishing Group.	<input type="checkbox"/>
	2	CLELAND, et al., The Development of Stable Protein Formulations: A Close Look at Protein aggregation, Deamidation, and Oxidation, Critical Reviews in Therapeutic Drug Carrier Systems, 1993, pp. 307-377, Vol. 10, CRC Press, IncA	<input type="checkbox"/>
	3	CZUPRYN, et al., Alanine-Scanning Mutagenesis of Human Interleukin-11: Identification of Regions Important for Biological Activity, Annals New York Academy of Sciences, 1995, pp. 152-164, Vol. 762, Supplied by The British Library - "The world's knowledge".	<input type="checkbox"/>
	4	DESGANTIS, et al., Chemical Modification of Enzymes for Enhanced Functionality, Current Opinions in Biotechnology, 1999, pp. 324-330, Vol. 10, Supplied by The British Library - "The world's knowledge".	<input type="checkbox"/>
	5	DOBELI, et al., Role of the Carboxy-Terminal Sequence on the Biological Activity of Human Immune Interferon (IFN- γ), Journal of Biotechnology, 1988, pp. 199-216, Vol. 7, Elsevier Science Publishers D.V.	<input type="checkbox"/>
	6	HUANG, et al., [Purification and Characterization of Recombinant Human Interleukin 11 Which Expressed by Pichia Pastoris], Sheng Wu Gong Cheng Xue Bao, 2001, pp: 250-253, Vol. 17(3) (Abstract), NCBI PubMed, U.S.A.	<input type="checkbox"/>
	7	GAYLE, et al., Identification of Regions in Interleukin-1a Important for Activity, The Journal of Biological Chemistry, October 15, 1993, pp. 22105-22111, Vol. 268, No. 29, The American Society for Biochemistry and Molecular Biology, Inc., U.S.A.	<input type="checkbox"/>

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8	HOFFMAN and WINSTON, Isolation and Characterization of Mutants Constitutive for Expression of the fbp1 Gene of Schizosaccharomyces pombe, Genetics, April 1990, pp: 807-816, Vol. 124, The Genetics Society of America, U.S.A.	<input type="checkbox"/>
9	MAUNDRELL, KINSEY, nmt1 of Fission Yeast, A Highly Transcribed Gene Completely Repressed by Thiamine, The Journal of Biological Chemistry, July 5, 1990, pp. 10857-10864, Vol. 265, No. 19, The American Society for Biochemistry and Molecular Biology, Inc. U.S.A.	<input type="checkbox"/>
10	PLANZ, et al., A Fusion Protein of Interleukin-11 and Soluble Interleukin-11 Receptor Acts As A Superagonist on Cells Expressing gp103, FEBS Letters, 450, 1999, pp. 117-122, Federation of European Biochemical Societies.	<input type="checkbox"/>
11	RON, et al., Expression of Biologically Active Recombinant Keratinocyte Growth Factor, The Journal of Biological Chemistry, 1993, pp. 2984-2988, Vol. 268, No. 4, Issue of February 5, 1993, U.S.A.	<input type="checkbox"/>
12	SLEEP, et al., Saccharomyces Cerevisiae Strains That Overexpress Heterologous Proteins, Bio/Technology, February 1991, pp. 183-187, Vol. 9, Delta Biotechnology Limited, Great Britain.	<input type="checkbox"/>
13	UCHIDA, et al., Pharmacokinetics of [125I]-recombinant Human Interleukin-11, European Journal of Drug Metabolism and Pharmacokinetics, 1998, pp. 403-410, Vol. 23, No. 3, Supplied by The British Library - "The world's knowledge".	<input type="checkbox"/>
14	WANG, et al., Expression of the Recombinant Human Interleukin-11 in Pichia Pastoris, Sheng Wu Hua Xue Yu Sheng Wu Wu Li Xue Bao (Shanghai), 2001, pp: 659-664, Vol. 33(6), (Abstract), NCBI PubMed, U.S.A.	<input type="checkbox"/>
15	ZHU, et al., [Expression and Purification of Recombinant Human Interleukin-11 in Pichia Pastoris], Zhongguo Yi Xue Ke Xue Yuan Xue Bao, 2001, pp. 127-31, Vol. 23(2), (Abstract), NCBI Pub Med, U.S.A.	<input type="checkbox"/>

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